

CLAIMS

1. A panel (1, 2) comprising a quadrangular panel portion of coated wood material, wherein mutually opposite edges of the panel (1, 2) have mutually complementary positively locking profiles (3, 4) so that similar panels (1, 2) can be assembled, characterised in that the surface of at least one of the positively locking profiles (3, 4) has at least in region-wise manner raised portions (5, 6, 7) and recesses (8, 9), that the raised portions (5, 6, 7) can be ground away by friction during assembly of two panels (1, 2), and that the recesses (8, 9) are of a volume in which resulting abrasion particles (5a, 6a, 7a) from the raised portions (5, 6, 7) can be received.

2. A panel according to claim 1 characterised in that a positively locking profile is in the form of a groove profile (3) with an undercut configuration and the oppositely disposed positively locking profile is in the form of a tongue profile (4) with an undercut configuration.

3. A panel according to claim 2 characterised in that the raised portions (5, 6, 7) and recesses (8, 9) are provided on the tongue profile (4) and the groove profile (3) has a smooth surface which is in contact with the raised portions (5, 6, 7) in the positively lockingly assembled condition.

4. A panel according to claim 3 characterised in that the raised portions (5, 6, 7) and recesses (8, 9) are arranged at a tongue underside (4a) which faces towards a laying surface (V).

5. A panel according to one of claims 1 to 4 characterised in that the stiffness of the positively locking profiles (3, 4) and the abrasion resistance of the raised portions (5, 6, 7) are so matched to each other that forces which occur during the assembly procedure can admittedly cause the raised portions (5, 6, 7) to be rubbed away but cannot cause elastic deformation of the positively locking profiles (3, 4).

6. A panel according to one of claims 1 to 5 characterised in that there is provided a sealing and lubricating agent at least in the recesses (8, 9).

7. A panel according to claim 6 characterised in that the sealing and lubricating agent forms a lubricating film.